Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSUR **Application Number** 10/775,666 February 9, 2004 STATEMENT BY APPLICANT Filing Date SHEHADA, Ramez E.N. First Named Inventor 3763 (use as many sheets as necessary) Art Unit Not known Examiner Name 64693-092 Of Sheet 1 **Attorney Docket Number U.S. PATENT DOCUMENTS Document Number** Name of Patentee or Issue Date Examiner Cite Number -Kind Code² (if known) MM-DD-YYYY Applicant of Cited Document Initials* No. Ott et al. 04-29-2003 US-6,556,851 1 US-6,547,761 04-15-2003 Liu 2 Paderni 3 US-6,491,682 12-10-2002 Wilson et al. (Honeywell International Inc., Assignee) 08-20-2002 4 US-6,437,855 06-25-2002 Nordstrom et al. US-6,411,838 5 Fiddian-Green 6 US-6.334.064 12-25-2001 10-17-2000 Chance 7 US-6,134,460 Simpson et al. (Lockheed Martin Energy Research US-5,965,873 10-12-1999 8 Corporation, Assignee) US-5,916,171 06-29-1999 Mayevsky 9 McLaughlin et al. US-5,746,207 05-05-1998 10 Mayevsky (Brain Monitor Ltd., Assignee) 11-11-1997 US-5,685,313 11 07-08-1997 Anderson et al. 12 US-5,645,062 Gurchumelidze 04-30-1996 US-5,512,045 13 Stoddart et al. US-5,349,961 09-27-1994 14 08-16-1994 McAdams et al. US-5,337,748 15 04-28-1992 Takezawa et al. US,5,108,364 16 Kittrell et al. 04-21-1992 17 US-5,106,387 Owens US-4,721,115 01-26-1988 18 D'Antonio 19 US-4,654,029 03-31-1987 Shaw et al. US-4,416,285 11-22-1983 20

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'Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Complete if Known Substitute for form 1449A/P 10/775,666 INFORMATION DISCLOSUS **Application Number** February 9, 2004 STATEMENT BY APPLICANT Filing Date SHEHADA, Ramez E.N. First Named Inventor (use as many sheets as necessary) 3763 Art Unit Not known Examiner Name of 64693-092 Sheet 2 Attorney Docket Number OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Examiner Cite T² publisher, city and/or country where published No. Initials BUISE, M.P. et al. Reflectance Spectrophotometry and Tissue Oxygenation in Experimental and Clinical Practice. Abstract only. (A printed publication published prior to 24 February 9, 2004.) CORDIS (Community Research & Development Information Service). Description of MICROTRANS (Microprobe multi-sensor for graft viability monitoring during organ 25 preservation and transplantation) Project. 5 pages. (A printed publication published prior to February 9, 2004.) FERTMANN, J.M. et al. Measurement of Regional Perfusion and Oxygen Saturation During Human Simultaneous Pancreas-Kidney Transplantation - Correlation with 26 Intravital Microscopy. (A printed publication published prior to February 9, 2004.) Poster. HÖLZLE, F. et al. Donor Site Morbidity of the Osteocutaneous Fibula Flap. Abstract only. In Abstracts of the 16th Congress of the European Association for Cranio-Maxillofacial 27 Surgery, 3-7 September 2002, Münster, Germany. HÖLZLE, F. et al. Nutritive Perfusion at Donor Site After Microvascular Fibula Transfer. 28 Abstract only. In Microsurgery. 2003; 23(4): pp. 306-312. HÖLZLE, F. et al. The Radial Artery as a Carrier of the Osteocutaneous fibula Flap for Reconstruction of the Mandibula. Abstract only. In Abstracts of the 16th Congress of the 29 European Association for Cranio-Maxillofacial Surgery, 3-7 September 2002, Münster, Germany. KAKIHANA, Y. et al. Effects of Ligustrazine on Hepatic Oxygenation in Isolated Perfused 30 Rat Liver. Abstract only. In Vivo, Jan-Feb 1999; 13(1):pp. 29-34. KASLER, M. et al. [Noninvasive Intraoperative Measurement of Intracapillary Hemoglobin 31 Oxygenation and Relative Hemoglobin Concentration in Surgical Skin Flaps.] (article in German), Abstract only. In HNO, Oct. 1990; 38(10): pp. 375-378. KRUG, A. Non-Invasive Oxygen and Perfusion Monitoring. Abstract only. In Danish 32 Microsurgical Society, Hindsgavl Congress, 21-22 March 2002. LEA MEDIZINTECHNIK. Tissue Blood Supply after Transplantation of a Pedicled Flap-

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Approved for use through 10/31/2002, OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Complete if Known Substitute for form 1449A/PTO INFORMATION DISCLOSURE ADEM 10/775,666 **Application Number** STATEMENT BY APPLICANT February 9, 2004 Filing Date SHEHADA, Ramez E.N. First Named Inventor (use as many sheets as necessary) 3763 Art Unit Not known Examiner Name 64693-092 3. of Sheet Attorney Docket Number OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Cite Examiner T² publisher, city and/or country where published Initials No.1 LEA MEDIZINTECHNIK. Viability of Flaps: Intra- and Postoperative Monitoring for Increase of Transplantation Success Rate. (A printed publication published prior to 35 February 9, 2004.) LEA MEDIZINTECHNIK. Postoperative Long-Term Monitoring. Abstract only. (A printed 36 publication published prior to February 9, 2004.) 3 pages. LEA MEDIZINTECHNIK. Company Profile LEA Medizintechnik GmbH. (A printed 37 publication published prior to February 9, 2004.) LEA MEDIZINTECHNIK. O2C Oxygen To See. Price List. (A printed publication 38 published prior to February 9, 2004.) 3 pages. LEA MEDIZINTECHNIK. Fields of Application of O2C Oxygen To See. (A printed 39 publication published prior to February 9, 2004.) 3 pages. LEA MEDIZINTECHNIK. What Measures O2C Oxygen To See? (A printed publication 40 published prior to February 9, 2004.) 1 page. LEA MEDIZINTECHNIK. O2C Oxygen To See: Measurements of Tissue Circulation, Saturation of Hemoglobin SO2, Local Amount of Hemoglobin. (A printed publication 41 published prior to February 9, 2004.) 6 pages. LEA MEDIZINTECHNIK. O2C (Oxygen To See): Perfusion of Tissue; Capillary-Venous Oxygen Saturation; Blood Filling of Microvessels. (A printed publication published prior to 42 February 9, 2004.) 3 pages. LEA MEDIZINTECHNIK. O2C Probes. (A printed publication published prior to February 43 9, 2004.) LEA MEDIZINTECHNIK. Micro Probes. (A printed publication published prior to February 44 9, 2004.) LOEFFELBEIN, D. et al. Combined Non-Invasive Tissue Oxygen and Flow Monitoring in 45 Fasciocutaneous Forearm Flaps. Abstract only. (A printed publication published prior to February 9, 2004.) MAYEVSKY, A. et al. Real-time optical monitoring of tissue vitality in vivo. In Optical Fibers and Sensors for Medical Applications. II. I. Edt Gannot. Proceedings of SPIE, 46 L., 2002: 4616:pp. 30-39. MICROTRANS. Micro Probe Multisensor for Graft Viability Monitoring During Organ 47 preservation and Transplantation. Company and Product Information. (A printed publication published prior to February 9, 2004.) 13 pages.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Substitute for form 1449 Complete if Known 10/775,666 INFORMATION DISCLOSURE **Application Number** February 9, 2004 STATEMENT BY APPLICANT Filing Date SHEHADA, Ramez E.N. First Named Inventor (use as many sheets as necessary) 3763 **Art Unit** Not assigned **Examiner Name** 64693-092 Sheet of 1 **Attorney Docket Number U.S. PATENT DOCUMENTS** Document Number Issue Date Name of Patentee or Examiner Cite

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				First Named Inventor	SHEHADA, Ramez Emile Necola		
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				Examiner Name	Unknown		
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